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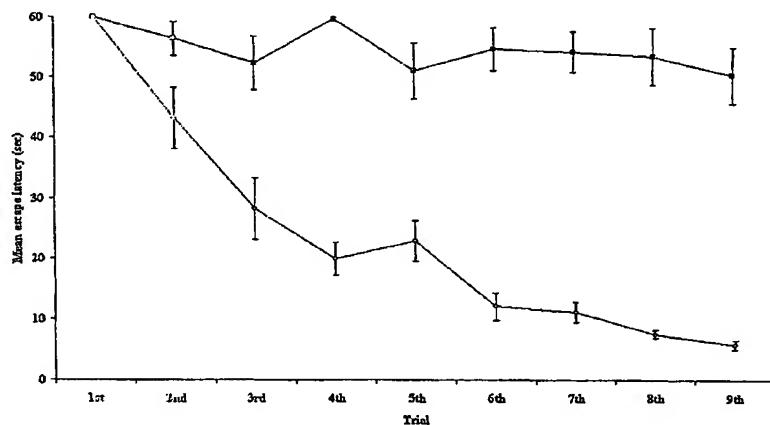
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(54) Title: **METHOD OF ALTERING CELL PROPERTIES BY ADMINISTERING RNA**



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(57) Abstract: The invention relates to the alteration of cell properties using RNA molecules. In particular, it relates to the alteration of the ability of cells to mobilise, migrate, integrate, proliferate and/or differentiate. For example, it relates to the induction of differentiation of stem cells, including the acquisition of the ability to migrate, integrate, and proliferate. It also relates to the induction of *in vivo* stem cell mobilisation, migration, integration, proliferation and/or differentiation. Accordingly, it relates to the promotion of stem cell-mediated functional repair. The invention also relates to the reversal of differentiation of differentiated cells. All these effects may be effected by providing isolated RNA comprising a RNA sequence extractable from cells comprising the desired cell type(s) to a population of cells under conditions whereby the alteration of the cell property is achieved.